Index of Claims



Application/Control No.

10/723,899

Date

Examiner

Dr. Kelechi C. Egwim

Applicant(s)/Patent under Reexamination

TAZZIA, CHARLES L.

Art Unit

1713

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

(Through numeral) Cancelled Restricted

Claim

| Z | Non-Elected  |
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| _ | Interference |

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| o | Objected |

| Cla          | aim  | Date         |              |  |  |  |              |              |  |               |  |
|--------------|--|--------------|--------------|--|--|--|--------------|--------------|--|---------------|--|
| <u></u> "    |  | $\vdash$     |              | _  | Τ  | I  | Ť            | 1            | _  | $\overline{}$ |  |
| Final        | Original   | <            |              |  |  |  |              |              |  |               |  |
|              | 1<br>2<br>3<br>4<br>5<br>6<br>7  | √            |              |  |  |  |              |              |  |               |  |
|              | 2  | ✓            |              | L  |  |  |              |              |  |               |  |
|              | 3  | N            | _            | L  | <u> </u>   |  |              |              |  |               |  |
|              | 4  | N            | _            | $oxed{oxed}$                                     | <u> </u>   |  |              |              |  |               |  |
|              | 5  | ✓            | _            | L.   | 匚  | _  | _            | _            |  | Ш             |  |
|              | 6  | √            | _            | _  | L  | _  | _            | <u> </u>     | _  |               |  |
|              | 7  | N            | <u> </u>     |  | <u> </u>   | -  | _            | <u> </u>     | _  |               |  |
|              | 8  | 1            | $\vdash$     |  |  | -  | _            | ļ            | _  |               |  |
|              | 40   | V            | $\vdash$     | $\vdash$   | H  | -  | -            |              | <u> </u>   |               |  |
| <u> </u>     | 10   | IN /         | -            | -  |  | <b>-</b>   | -            | ⊢            |  | H             |  |
| <del> </del> | 12   | \<br>./      | $\vdash$     | $\vdash$   | -  | ⊢  | $\vdash$     | $\vdash$     | $\vdash$   |               |  |
|              | 13   | N            | $\vdash$     | -  | $\vdash$   | $\vdash$   | H            | $\vdash$     | -  | -             |  |
| <b> </b>     | 14   | <u> </u>     |              |  | $\vdash$   | $\vdash$   | H            | $\vdash$     | $\vdash$   | Н             |  |
|              | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | H            | ┢            | <del> </del>                                     | <del>                                     </del> |  | $\vdash$     | $\vdash$     | -  |               |  |
|              | 16   | <del> </del> | <del> </del> | <del>                                     </del> | $\vdash$   | Н  | $\vdash$     | $\vdash$     | -  |               |  |
|              | 17   | İ            |              |  |  | <del>                                     </del> |              |              |  |               |  |
|              | 18   |              |              |  |  |  |              |              |  |               |  |
|              | 19   |              |              |  |  |  |              |              |  |               |  |
|              | 20   |              |              |  |  | <del>                                     </del> | _            |              | Г  |               |  |
|              | 21   |              |              |  |  |  | Г            |              |  |               |  |
|              | 22   |              |              |  |  |  |              |              |  |               |  |
|              | 22<br>23<br>24   |              |              |  |  |  |              |              |  |               |  |
|              | 24   |              | L            | L  |  |  |              |              |  |               |  |
|              | 25   |              |              | <u> </u>   | _  |  |              |              |  |               |  |
|              | 25<br>26<br>27   | <u> </u>     |              |  | _  | <u> </u>   |              |              | _  |               |  |
|              | 27   | _            |              | <u> </u>   |  |  | L            | L.           | L  | Ш             |  |
|              | 28<br>29<br>30   |              |              | _  |  |  |              | <u> </u>     |  | Щ             |  |
|              | _29  |              |              | <u> </u>   | <u> </u>   |  |              | <u> </u>     |  |               |  |
|              | 30   |              | L            | _  | _  |  |              | <u> </u>     |  |               |  |
|              | 31<br>32   | <u> </u>     | H            | ⊢  | $\vdash$   | <u> </u>   |              | -            |  | H             |  |
|              | 32   | $\vdash$     | <u> </u>     |  | _  | ├  | ├            | $\vdash$     | $\vdash$   | $\vdash$      |  |
|              | 33<br>34   | -            |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | <del> </del> | $\vdash$   | Н             |  |
|              | 35   | -            |              |  | $\vdash$   | <del>                                     </del> | <del> </del> | -            |  | Н             |  |
|              | 36   |              | H            | $\vdash$   | ┢╌   | $\vdash$   | <del> </del> | $\vdash$     | $\vdash$   | Н             |  |
|              | 36<br>37<br>38   | _            | -            |  | ┢┈   | -  | <del> </del> | $\vdash$     | -  | H             |  |
|              | 38   |              |              | Ι  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | <del>                                     </del> | Н             |  |
|              | 39   |              |              |  | Г  | Ι  | $\vdash$     |              |  | Н             |  |
|              | 40   |              |              |  | T .  |  |              |              |  | М             |  |
|              | 41   |              |              |  |  |  |              |              |  | П             |  |
|              | 42   |              |              |  |  |  |              |              |  |               |  |
|              | 43   |              |              |  |  |  |              |              |  |               |  |
|              | 44   |              |              |  |  |  |              |              |  |               |  |
|              | 45   |              |              |  | L  |  |              | L            |  | Ш             |  |
|              | 46   |              |              |  |  |  |              | Щ            | <u> </u>   | Ш             |  |
|              | 47   |              |              | _  | $oxed{oxed}$                                     | <u> </u>   | $\vdash$     | <u> </u>     | L.   | Ш             |  |
|              | 48   | _            |              |  | <u> </u>   | -  | <b>_</b> _   | L            | <b>.</b>   | Щ             |  |
|              | 49   |              |              | <u> </u>   |  |  |              | _            |  |               |  |
|              | 50   |              |              |  | 1  | 1  | 1            | 1 1          | 1  | 1 1           |  |

|          | ,                    | <u> </u> |          |          |  |          | <del>-</del> |  | _ | -        | 4 | UI.   |                |          |          | _        |          | Jau      | <u> </u> |          |          |          |
|----------|----------------------|----------|----------|----------|--|----------|--------------|--|---|----------|---|-------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Final    | Original             | 11/21/05 |          |          |  |          |              |  |   |          |   | Final | Originat       |          |          |          |          |          |          |          |          |          |
|          | 1                    | <b>~</b> |          |          |  |          |              |  |   |          | 1 |       | 51             |          |          |          |          |          | _        | _        |          | П        |
|          | 2                    | √        |          |          | <u> </u>   |          |              | <del>                                     </del> |   |          | 1 |       | 51<br>52<br>53 |          |          |          |          |          |          |          | П        | Н        |
|          | 3 4                  | Ň        |          |          | $\vdash$   |          |              |  |   |          | 1 |       | 53             | $\vdash$ |          |          | _        | Н        |          |          | П        |          |
|          | 4                    | N        |          |          | 1  |          |              | $\vdash$   |   | -        | 1 |       | 54             | -        |          |          |          |          |          |          |          |          |
|          | 5                    | <b>√</b> |          |          | <del>                                     </del> |          |              |  |   |          | 1 |       | 55             |          |          | -        | _        |          |          |          | $\Box$   | -        |
|          | 6                    | <b>√</b> |          |          | 1  |          |              |  |   | $\vdash$ | 1 |       | 56             | -        | _        | _        | _        |          |          |          |          | $\vdash$ |
|          | 7                    | N        |          |          | <del>                                     </del> |          |              | $\vdash$   | T | $\vdash$ | 1 |       | 57             | -        |          |          |          |          | -        |          | $\vdash$ | -        |
|          | 8                    | √        |          |          |  | _        |              | _  | _ |          | 1 |       | 58             |          |          |          | _        |          |          |          |          | Н        |
|          | 9                    | V        |          |          | $\vdash$   |          |              |  |   |          | 1 |       | 59             |          |          |          | _        |          |          |          |          |          |
|          | 10                   | Ŋ        |          |          |  |          |              |  |   |          | 1 |       | 60             |          |          |          |          |          |          |          |          |          |
|          | 11                   | ✓        |          |          |  | <u> </u> |              | $\vdash$   |   |          | 1 |       | 61             |          |          |          | -        |          |          |          |          |          |
|          | 12                   | ✓        |          |          |  |          |              |  |   | <u> </u> | 1 |       | 62             |          |          |          |          |          |          |          |          | _        |
|          | 13                   | Ŋ        |          |          |  |          |              |  |   |          | 1 |       | 62<br>63       |          |          |          |          | -        |          |          |          |          |
|          | 14                   |          |          |          |  |          |              |  |   |          | 1 |       | 64             |          |          |          |          |          |          |          | $\Box$   |          |
|          | 14<br>15             |          |          |          |  |          |              |  |   |          | 1 |       | 65             |          |          |          |          |          |          | П        |          | П        |
|          | 16                   |          |          |          |  | Г        |              |  |   |          | 1 |       | 65<br>66       |          |          |          |          |          |          |          |          |          |
|          | 17                   |          |          |          |  |          |              |  |   |          | 1 |       | 67             |          |          |          |          |          |          |          |          |          |
|          | 18                   |          |          |          |  |          |              |  |   |          | 1 |       | 68             |          |          |          |          |          |          |          | П        |          |
|          | 19                   |          |          |          |  |          |              |  |   |          | 1 |       | 69             |          |          |          |          |          |          |          | П        |          |
|          | 20<br>21<br>22<br>23 |          |          |          |  |          | _            |  |   |          | 1 |       | 70             |          |          |          |          |          |          |          |          |          |
|          | 21                   |          |          |          |  |          |              |  |   |          | 1 |       | 71<br>72       |          |          |          |          |          |          |          |          |          |
|          | 22                   |          |          |          |  |          |              |  |   |          |   |       | 72             |          |          |          |          |          | -        |          |          |          |
|          | 23                   |          |          |          | Г  |          |              |  |   |          |   |       | 73             |          |          |          |          |          |          |          |          |          |
|          | 24                   |          |          |          |  |          |              |  |   |          | 1 |       | 73<br>74       |          |          |          |          |          |          |          |          |          |
|          | 25<br>26             |          |          |          |  |          |              |  |   |          |   |       | 75             |          |          |          |          |          |          |          |          |          |
|          | 26                   |          |          |          | L  | L        |              |  |   |          |   |       | 76             |          |          |          |          |          |          |          |          |          |
|          | 27                   |          |          |          |  |          |              |  |   |          |   |       | 77             |          |          |          |          |          |          |          |          |          |
|          | 28<br>29             |          |          |          |  |          |              | L  |   | _        |   |       | 78<br>79       |          |          |          |          |          |          |          |          |          |
|          | _29                  |          |          |          |  |          |              |  |   |          |   |       | 79             | Ш        |          |          |          |          |          |          |          |          |
|          | 30                   |          |          |          |  |          |              | L.   |   |          |   |       | 80             | Ш        |          |          |          |          |          |          |          |          |
|          | 31<br>32             | -        |          |          |  |          |              |  |   |          |   |       | 81             |          |          |          |          |          |          |          |          |          |
|          | 32                   | _        |          |          |  |          |              | _  |   | L.,      |   |       | 82             |          |          |          |          |          |          |          |          |          |
|          | 33                   |          |          |          |  |          | _            |  |   |          |   |       | 83             |          | _        |          |          |          |          | _        |          |          |
| _        | 34                   | _        | -        |          |  | <u> </u> |              |  |   |          |   |       | 84<br>85       |          |          |          |          | _        | _        |          |          |          |
|          | 35                   |          |          |          |  | <u> </u> | _            |  |   | _        |   |       | 85             |          | _        | _        | _        |          | _        |          | $\dashv$ |          |
|          | 36<br>37             | -        |          | -        |  |          |              |  |   |          |   |       | 86             |          | _        | _        |          |          |          |          | _        |          |
| $\dashv$ | 38                   | $\dashv$ |          |          |  |          |              | _  |   |          |   |       | 87             |          |          |          |          |          |          |          | _        |          |
|          |                      | -        |          | _        | H  | -        | _            | -  |   |          |   |       | 88             | -        | $\dashv$ | $\dashv$ |          | _        |          |          | -        |          |
| $\dashv$ | 39<br>40             |          | $\dashv$ |          |  | _        |              | _  | _ |          |   |       | 89             | Н        | $\dashv$ |          |          |          | $\dashv$ |          | $\dashv$ |          |
|          | 41                   |          |          |          |  |          | -            |  |   |          |   |       | 90<br>91       | -1       | -        | -        | _        |          |          | _        | $\dashv$ |          |
| -        | 42                   |          |          |          | _  |          |              | -  |   | _        |   |       |                |          | _        | -        | -        |          |          |          | $\dashv$ | $\dashv$ |
|          | 43                   | -        |          | _        |  |          | -            | -  |   |          |   |       | 92<br>93       | $\vdash$ |          | $\dashv$ |          | -        | -        | $\dashv$ | $\dashv$ |          |
| $\dashv$ | 44                   |          | -        |          | _  | H        |              | _  | _ | _        |   |       | 94             |          | $\dashv$ | $\dashv$ |          | -        |          | _        |          | $\dashv$ |
| $\dashv$ | 45                   |          | -        | -        |  | $\vdash$ |              |  | - |          |   |       | 95             | -        | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| $\dashv$ | 46                   | $\dashv$ | $\dashv$ | $\dashv$ | -  | $\vdash$ |              |  |   | H        |   |       | 96             |          |          | $\dashv$ | -        | $\dashv$ | $\dashv$ |          |          | ᅴ        |
| $\dashv$ | 47                   |          | $\dashv$ | $\dashv$ |  | Н        |              |  | - | -        |   |       | 97             |          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ |
| $\dashv$ | 48                   | $\neg$   | $\dashv$ | -        | $\vdash$   | -        | $\vdash$     |  | - |          |   |       | 98             |          | $\dashv$ | $\dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$ | ᅱ        |
| -1       | 49                   | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$   | Н        | -            |  | - | $\vdash$ |   |       | 99             | $\dashv$ | +        | $\dashv$ | $\dashv$ |          | -        |          | $\dashv$ | ᅱ        |
| +        | 50                   | $\dashv$ |          | $\dashv$ | $\vdash$   | $\vdash$ | -            | $\vdash$   |   | -        |   |       | 100            | $\vdash$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ | ᅱ        |
|          |                      |          |          |          |  | لـــــا  |              |  |   |          |   |       | 100            |          |          | !        |          |          |          | I        |          |          |

| Cla             | aim  | Ι  |              |  |  | Date   | е  |  |              |                 |
|-----------------|--|--|--------------|--|--|--|--|--|--------------|-----------------|
|                 | 1  |  |              |  | -  | Γ  |  |  | Π            | П               |
| <u>ज</u>        | Original   |  |              |  |  | 1  | 1  |  |              |                 |
| Final           | rig  |  |              |  | ł  | 1  |  |  |              |                 |
|                 | 0  |  | 1            |  |  |  |  | ŀ  |              |                 |
|                 | 101  |  |              | <del>                                     </del> | -  |  | 1  | -  | -            | Н               |
| <b></b>         | 101<br>102   |  | $\vdash$     | <del>                                     </del> | <del>                                     </del> |  |  |  |              | Н               |
|                 | 103<br>104<br>105                                    | 1  | $\vdash$     |  |  | $\vdash$   |  | <del>                                     </del> |              | Н               |
|                 | 104  | Н  | Н            | t  |  | ╁  | <del>                                     </del> |  |              | $\vdash$        |
|                 | 105  | <u> </u>   | $\vdash$     | _  | H  | H  | ┢┈   | $\vdash$   |              | $\vdash$        |
|                 | 106  | $\vdash$   | T            |  | Н  | $\vdash$   | <del>                                     </del> |  |              | Н               |
|                 | 107  | _  |              |  | $\vdash$   |  | ┢  | -  |              | H               |
|                 | 108  |  | 1            |  | $\vdash$   | $\vdash$   |  |  | <del> </del> | $\vdash$        |
| -               | 109<br>110   | <u> </u>   | $\vdash$     | t  | $\vdash$   | $\vdash$   | <del> </del>                                     | 一  | <u> </u>     | $\vdash$        |
|                 | 110  | _  | $\vdash$     |  |  | $\vdash$   | <del>                                     </del> | _  | -            | Н               |
|                 | 1111   |  |              |  |  |  |  |  |              | Н               |
|                 | 112  | <del>                                     </del> |              |  |  | <del>                                     </del> | $\vdash$   | <u> </u>   |              | H               |
| <b></b>         | 112<br>113<br>114<br>115                             |  |              |  | <del>                                     </del> | $\vdash$   | Н  |  |              | $\vdash$        |
|                 | 114  | <del>                                     </del> |              |  | $\vdash$   | <del> </del>                                     | <del>                                     </del> | $\vdash$   | $\vdash$     | H               |
|                 | 115  | ┢  |              | H  | -  | ├─   | ┢  |  |              | Н               |
|                 | 116  | $\vdash$   |              | <del>                                     </del> | _  |  | $\vdash$   |  |              | $\vdash$        |
|                 | 117  |  |              |  | -  | -  | -  | 1  | 1            | Н               |
|                 | 117<br>118   | $\vdash$   |              | ╁  | -  | -  | $\vdash$   |  |              | -               |
| <u> </u>        | 119  | $\vdash$   |              | -  | -  | -  | $\vdash$   |  |              | $\vdash$        |
| -               | 120  | -  |              | -  |  |  | -  | -  | -            | Н               |
| _               | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 | ├  |              | -  |  | -  | -  | ┢  | -            | $\vdash$        |
| -               | 122  |  |              | $\vdash$   | $\vdash$   |  |  | -  | -            | Н               |
| <del> </del>    | 122  | $\vdash$   |              | -  | _  | -  | $\vdash$   |  |              | ├─┤             |
|                 | 123  | $\vdash$   |              |  | -  |  | ┝  | -  | ⊢            | $\vdash$        |
|                 | 124  | -  | -            |  | _  | _  |  | ⊢  |              | Н               |
|                 | 120  | $\vdash$   | $\vdash$     | -  | <del> </del>                                     | ┝  | ⊢  | ┢  | -            | -               |
|                 | 120  | -  | -            |  | $\vdash$   | ⊢  | ├  |  |              | Н               |
| -               | 127  |  |              | -  | ├  |  | $\vdash$   | -  | $\vdash$     | Н               |
|                 | 128<br>129<br>130                                    |  | -            | -  | _  |  |  | ├  |              | Н               |
|                 | 129  |  | <del> </del> | ⊢  |  |  | -  | -  | ⊢            | Н               |
|                 | 130  | _  | <del> </del> | ⊢  | -  | _  | _  |  | <u> </u>     | $\vdash$        |
|                 | 131<br>132   | <u> </u>   | <u> </u>     | ├-   | <u> </u>   | _  | _  | -  | _            | $\vdash$        |
|                 | 132  |  | -            | <u> </u>   | _  | _  | _  | _  | _            | Н               |
|                 | 133  | $\vdash$   | -            | <del> </del>                                     | -  | <u> </u>   | _  | -  | ┡            | Ш               |
|                 | 134  | -  |              | -  | _  | <u> </u>   | <u> </u>   |  | <u> </u>     | Н               |
|                 | 135  | _  | _            | <u> </u>   | _  | <u> </u>   | ┡-   |  | <u> </u>     | $\vdash \vdash$ |
|                 | 136  | <u> </u>   |              | <u> </u>   | Ļ  | <u> </u>   | $\vdash$   | $\vdash$   | <u> </u>     | $\vdash \vdash$ |
|                 | 137  |  |              | _  | _  |  | _  | $\vdash$   |              | Ш               |
|                 | 138  | -  |              |  |  | <u> </u>   |  | ļ  | <u> </u>     | Ш               |
|                 | 139<br>140   | $\vdash$   | <u> </u>     |  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | Щ               |
|                 | 140  | $\vdash$   | <u> </u>     | _  |  | Ь.   | <u> </u>   | <u> </u>   | <u> </u>     | Щ               |
|                 | 141  | _  |              | L  | <u> </u>   | <u> </u>   |  | $\vdash$   |              | $\sqcup$        |
|                 | 142  |  | <u> </u>     | <u> </u>   | <u> </u>   | H  |  | Ш  | <u> </u>     | Ш               |
|                 | 143  | <b> </b>   | <b> </b>     | H  | <u> </u>   | <u> </u>   | <u> </u>   | Ш  | $\vdash$     | Ш               |
| ļļ              | 144  | $\vdash$   | <u> </u>     | <u> </u>   | Ш  | Ь.   | L  | <b> </b>   | <u> </u>     | Щ               |
|                 | 145  |  | <u> </u>     |  |  |  | _  |  | $oxed{oxed}$ | Щ               |
|                 | 146  | ļ  | <u> </u>     | L  | Ш  | Ц.,  | L  | L_   | <u> </u>     | Щ               |
| $\sqcup$        | 147  | $\vdash$   | <u> </u>     | Щ  | <u> </u>   | Щ  | <u> </u>   | Щ  | $\vdash$     | Ш               |
| <b>  </b>       | 148  | <u> </u>   |              | Щ  |  | <u> </u>   |  | Щ  | Ш            | Ш               |
| $\sqcup \sqcup$ | 149  |  |              | <u> </u>   |  |  | _  | L  | _            | Ш               |
|                 | 150  |  |              |  |  |  |  |  | L.           |                 |